

LP 7.62/02/90 3.2SN BK BX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image

Similar to illustration

This PCB terminal provides connections for 1000 V, 6 mm² conductor cross-section and 32 A with proven clamping yoke connection at 7.50 mm and 7.62 mm pitch, conductor outlet direction in 90° and 180° design.

General ordering data

Order No.	1517700000
Type	LP 7.62/02/90 3.2SN BK BX
GTIN (EAN)	4050118325195
Qty.	100 items
Packaging	Box

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Dimensions and weights

Depth	11 mm	Depth (inches)	0.4331 inch
Height	20.2 mm	Height (inches)	0.7953 inch
Net weight	3.33 g		

Temperatures

Continuous operating temp., max.	100 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

System parameters

Wire connection method	Clamping yoke connection	Mounting onto the PCB	THT solder connection
Conductor outlet direction	90°	Pitch in mm (P)	7.62 mm
Pitch in inches (P)	0.300 "	Number of poles	2
Pin series quantity	1	Solder pin length (l)	3.2 mm
Solder pin dimensions	0.75 x 0.9 mm	Protection degree	IP20

Material data

Insulating material	PA	Colour	orange
Colour chart (similar)	RAL 2000	Moisture Level (MSL)	
UL 94 flammability rating	V-2	Contact material	Cu-alloy
Contact surface	tinned	Coating	1-3 µm Ni, 4-6 µm SN
Operating temperature, min.	-50 °C	Operating temperature, max.	100 °C

Conductors suitable for connection

Solid, min. H05(07) V-U	0.5 mm ²	Solid, max. H05(07) V-U	6 mm ²
Stranded, max. H07V-R	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	w. wire end ferrule, DIN 46228 pt 1, min.	0.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, max.	2.5 mm ²		

Rated data acc. to IEC

Rated current, max. number of poles (Tu=20°C)	32 A	Rated current, min. number of poles (Tu=40°C)	32 A
Rated voltage for surge voltage class / pollution degree II/2	1000 V	Rated voltage for surge voltage class / pollution degree III/2	500 V

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Technical data

Rated impulse voltage for surge voltage 6 V
 class/ pollution degree II/2

Rated impulse voltage for surge voltage 6 kV
 class/ pollution degree III/2

Rated data acc. to CSA

Institute (CSA)	CSA	Certificate No. (CSA)	200039-1202191
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

Rated data acc. to UL 1059

Institute (UR)	UR	Certificate No. (UR)	E60693
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

Packing

Packaging	Box	VPE length	117.00 mm
VPE width	103.00 mm	VPE height	65.00 mm

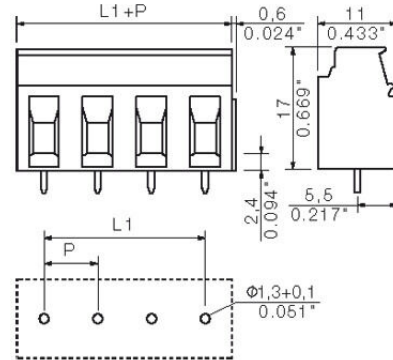
Important note

Notes			
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Classifications

ETIM 8.0	EC002643	ETIM 9.0	EC002643
ETIM 10.0	EC002643	ECLASS 14.0	27-46-01-01
ECLASS 15.0	27-46-01-01		

Dimensional drawing



Graph

